

## Cheung, Wendy

---

**From:** pat obrien <pwob@comcast.net>  
**Sent:** Thursday, March 9, 2017 11:11 AM  
**To:** Cheung, Wendy  
**Subject:** FW: ECCV DI-2 - TDS Calculations using DI-1 electric log  
**Attachments:** ECCV, DI-2, TDS Calculations Report, 03-09-2017.pdf

Wendy,

Here is the revised report to correct the Table names and to add the sampled Dakota Formation Zones (J and D sand units with the Dakota Formation).

Pat OBrien

---

**From:** Scott Patrick [mailto:[scott.patrick@iptenergyservices.com](mailto:scott.patrick@iptenergyservices.com)]  
**Sent:** Thursday, March 09, 2017 9:45 AM  
**To:** pat obrien  
**Subject:** RE: ECCV DI-2 - TDS Calculations using DI-1 electric log

If you would like me to add a sentence on the cover letter about what was changed in the tables, just let me know. Wasn't sure if you wanted that or not.

**Scott Patrick**  
Petroleum Engineer

P: 720.420.5712  
C: 720.934.3917



---

**From:** pat obrien [<mailto:pwob@comcast.net>]  
**Sent:** Wednesday, March 08, 2017 10:18 AM  
**To:** Scott Patrick <[scott.patrick@iptenergyservices.com](mailto:scott.patrick@iptenergyservices.com)>  
**Subject:** FW: ECCV DI-2 - TDS Calculations using DI-1 electric log

Scott

EPA is after me to get D and J sand TDS levels. I am fairly certain that all the Dakota samples you have in Table A3 are either D or J sand.

Can you please list which ones are D and which are J and email to me?

Pat OBrien

---

**From:** Scott Patrick [<mailto:scott.patrick@iptenergyservices.com>]  
**Sent:** Friday, February 10, 2017 10:45 AM  
**To:** pat obrien  
**Subject:** RE: ECCV DI-2 - TDS Calculations using DI-1 electric log

Here you go.

**Scott Patrick**  
Petroleum Engineer

P: 720.420.5712  
C: 720.934.3917



---

**From:** pat obrien [<mailto:pwob@comcast.net>]  
**Sent:** Friday, February 10, 2017 10:13 AM  
**To:** Scott Patrick <[scott.patrick@iptenergyservices.com](mailto:scott.patrick@iptenergyservices.com)>  
**Subject:** RE: ECCV DI-2 - TDS Calculations - Update

Hi Scott,

This is just what I was looking for.

However, there is an unfinished sentence in the first paragraph under Applications in other Geologies section.

Also, change the location of DI-1 to T1S, R66W on all the tables.

That should do.

POB

---

**From:** Scott Patrick [<mailto:scott.patrick@iptenergyservices.com>]  
**Sent:** Wednesday, February 08, 2017 4:51 PM  
**To:** [pwob@comcast.net](mailto:pwob@comcast.net)  
**Subject:** ECCV DI-2 - TDS Calculations - Update

Hey Pat,

Here is the updated document. Let me know if it doesn't address the things we discussed.

Thanks,

**Scott Patrick**  
Petroleum Engineer  
[scott.patrick@iptenergyservices.com](mailto:scott.patrick@iptenergyservices.com)

P: 720.420.5712  
C: 720.934.3917  
F: 720.420.5800



Integrated Petroleum Technologies, Inc.  
1707 Cole Blvd, Suite 200

---

The information contained in this e-mail message (and its attachments) may be privileged, confidential and protected from disclosure. If you are not the intended recipient, please do not read, copy, use, or disclose this communication to others. If you think that you have received this e-mail message in error, please immediately e-mail the sender, then delete this message and any "reply" response from your system. This electronic mail transmission is not intended (and may not be construed or deemed for any purpose) to contain or be an electronic signature.

---

---

The information contained in this e-mail message (and its attachments) may be privileged, confidential and protected from disclosure. If you are not the intended recipient, please do not read, copy, use, or disclose this communication to others. If you think that you have received this e-mail message in error, please immediately e-mail the sender, then delete this message and any "reply" response from your system. This electronic mail transmission is not intended (and may not be construed or deemed for any purpose) to contain or be an electronic signature.

---

---

The information contained in this e-mail message (and its attachments) may be privileged, confidential and protected from disclosure. If you are not the intended recipient, please do not read, copy, use, or disclose this communication to others. If you think that you have received this e-mail message in error, please immediately e-mail the sender, then delete this message and any "reply" response from your system. This electronic mail transmission is not intended (and may not be construed or deemed for any purpose) to contain or be an electronic signature.

---